


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:) Group Art Unit:
)
WILLIAM BANNING VAIL III) Examiner:
)
Serial No.: Not Yet Assigned) PRELIMINARY AMENDMENT
)
Filed: Filed Herewith) "EXPRESS MAIL" MAILING LABEL NUMBER: EL 545147818 US
) DATE OF DEPOSIT: 6/8/01
)
Atty. File No.: 4371-5-CON) I HEREBY CERTIFY THAT THIS WITH THE UNITED STATES
) POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO
) ADDRESSEE" SERVICE UNDER 37 C.F.R. 1.10 ON THE DATE
) INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT
For: "DETERMINING RESISTIVITY OF A) COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.
FORMATION ADJACENT TO A)
BOREHOLE HAVING CASING WITH)
AN APPARATUS HAVING ALL)
CURRENT CONDUCTING)
ELECTRODES WITHIN THE CASED)
WELL")

TYPED OR PRINTED NAME: Amy S. Duarte
SIGNATURE: 

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please enter the following Preliminary Amendment for the above-identified continuation patent application that is being filed under 37 C.F.R. 1.53(b). This Preliminary Amendment is to be entered in connection with a continuation application of presently pending U.S. Patent Application No. 09/310,312 have a filing date of May 12, 1999, with priority being further claimed based on a number of predecessor applications.

Application No.: Not Yet Assigned

IN THE SPECIFICATION:

On page 1, after the Title and before line 7, please insert the following paragraph:

--This application is a Continuation Application of a Continuation-in-Part Application that is entitled "Determining Resistivity of a Formation Adjacent to a Borehole Having Casing with an Apparatus Having All Current Conducting Electrodes Within the Cased Well"; which is Serial No. 09/310,312; which has a filing date of 5/12/1999. An entire copy of Serial No. 09/310,312 is included herein by reference.--

Please replace the paragraph beginning at page 1, line 7, with the following rewritten paragraph:

--Serial No. 09/310,312 is a Continuation-in-Part Application of a Divisional Application that is entitled "Determining Resistivity of a Formation Adjacent to a Borehole Having Casing by Generating Constant Current Flow in Portion of Casing and Using at Least Two Voltage Measurement Electrodes"; which is Serial No. 08/738,924; which has the filing date of 10/28/1996; and which issued on February 15, 2000, as U.S. Patent No. 6,025,721. An entire copy of Serial No. 08/738,924 is included herein by reference.--

IN THE CLAIMS:

Please cancel Claims 1-2 without prejudice to or disclaimer of the subject matter contained therein.

Application No.: Not Yet Assigned

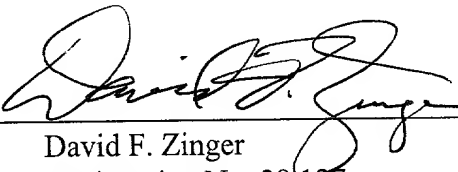
REMARKS

This continuation patent application is being filed to obtain further examination of Claims 3 and 4 that were initially rejected in the immediate predecessor Application No. 09/310,312. Consideration of these two claims and allowance thereof are respectfully requested.

Attached hereto is a marked up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Version With Markings to Show Changes Made."

Respectfully submitted,

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(303) 863-9700

Date: 6-8-01

Application No.: Not Yet Assigned

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Page 1, after the Title and before line 7, the following paragraph has been added:

This application is a Continuation Application of a Continuation-in-Part Application that is entitled "Determining Resistivity of a Formation Adjacent to a Borehole Having Casing with an Apparatus Having All Current Conducting Electrodes Within the Cased Well"; which is Serial No. 09/310,312; which has a filing date of 5/12/1999. An entire copy of Serial No. 09/310,312 is included herein by reference.

Page 1, line 7, the following paragraph has been rewritten as follows:

~~This application~~ Serial No. 09/310,312 is a Continuation-in-Part Application of a Divisional Application that is entitled "Determining Resistivity of a Formation Adjacent to a Borehole Having Casing by Generating Constant Current Flow in Portion of Casing and Using at Least Two Voltage Measurement Electrodes"; which is Serial No. 08/738,924; which has the filing date of 10/28/1996; and which issued on February 15, 2000, as U.S. Patent No. 6,025,721 ~~is to issue shortly as a U.S. Patent.~~ An entire copy of Serial No. 08/738,924 is included herein by reference.

In the Claims:

Claims 1-2 have been cancelled.